

## SEQUENCE LISTING

<110> Wadhwa, Renu  
Kaul, Sunil C.  
Reddel, Roger R.

<120> PROTEIN AND GENE INVOLVED IN MYOCYTE  
DIFFERENTIATION

<130> 06501-066001

<140> US 09/684,579

<141> 2000-10-06

<150> PCT/JP99/01913

<151> 1999-04-09

<150> JAPAN 10/115975

<151> 1998-04-10

<160> 17

<170> FastSEQ for Windows Version 4.0

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<213> Mus musculus

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Met Ala Leu Val Met Gln Glu Glu Gly Arg Phe Arg Ser Asp Arg Asn
      35             40             45
His Gly Tyr Leu Arg Glu Trp Leu Arg Ile Gln Ala Leu Thr Ala Cys
      50             55             60
Leu Pro Ser Pro Leu Gly Arg Val His Tyr Ala Gln Cys Ser Pro Lys
      65             70             75             80
Gln Lys Gly Arg Leu Pro Arg Gly Trp Ala Ser Leu Pro Ser Leu Ser
      85             90             95
Val Leu Val Arg Ala Leu Arg Ala Ser Asn Ala Phe Ser Leu Gly Asn
      100            105            110
Tyr Tyr Cys Cys Pro Trp Arg Gly Thr Arg Trp Ala Lys Gly Gln Pro
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aacaaaacaa aaacaacaaa aagaccaatg ggggaaaaaaa gaaagaaaaa acaagaaaag      180
aaaaaagaat agcttccctg ttctctgcag ggtagtttta gtaatgaatg ctcaaagctc      240
cacagtctat ggcacccaag tggatttctt atattgtttg caactaacta tcc atg          296
                                         Met
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aaa ggc ctg gct ggc gag tgg cat cag gac tct ggc cta gac atc agg      344
Lys Gly Leu Ala Gly Glu Trp His Gln Asp Ser Gly Leu Asp Ile Arg
      5                                10                                15

gag aag gca gaa gac ttc tcc ctg ccc tgg ctg ctg cct aga ttg atg      392
Glu Lys Ala Glu Asp Phe Ser Leu Pro Trp Leu Leu Pro Arg Leu Met
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gcc tta gtc atg cag gaa gaa gga agg ttc aga agt gac agg aat cat      440
Ala Leu Val Met Gln Glu Gly Arg Phe Arg Ser Asp Arg Asn His
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ggg tat tta agg gaa tgg ctt agg att cag gca ctg aca gct tgt ctg      488
Gly Tyr Leu Arg Glu Trp Leu Arg Ile Gln Ala Leu Thr Ala Cys Leu
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cct tcc cct ctg ggg agg gtc cac tat gcc cag tgt tca ccg aaa caa      536
Pro Ser Pro Leu Gly Arg Val His Tyr Ala Gln Cys Ser Pro Lys Gln
      70                                75                                80

aaa gga agg ctg cca aga ggc tgg gct tct ctg cca tcc cta agt gtg      584
Lys Gly Arg Leu Pro Arg Gly Trp Ala Ser Leu Pro Ser Leu Ser Val
      85                                90                                95

ctt gtc agg gct ctg aga gcg tct aac gct ttc tca ctc ggg aac tac      632
Leu Val Arg Ala Leu Arg Ala Ser Asn Ala Phe Ser Leu Gly Asn Tyr
      100                               105                               110

tac tgc tgt ccg tgg agg ggg aca aga tgg gcc aaa ggg cag ccg gga      680
Tyr Cys Cys Pro Trp Arg Gly Thr Arg Trp Ala Lys Gly Gln Pro Gly
      115                               120                               125

gag tgg gca agg cca agg gcg agc tca cct tct gcg cac cga gaa ggc      728
Glu Trp Ala Arg Pro Arg Ala Ser Ser Pro Ser Ala His Arg Glu Gly
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gtg gca gtg aca tgaacatta ggtcacatgg ccttcccctc cggccttagc      780
Val Ala Val Thr

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&lt;211&gt; 29

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; primer for PCR

&lt;400&gt; 3

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29

&lt;210&gt; 4

&lt;211&gt; 30

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; primer for PCR

&lt;400&gt; 4

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&lt;210&gt; 5

&lt;211&gt; 30

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